

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1027965

Luminaire Tested: S125DIP-B375D850UB50-4F0-XX-W2A-A4

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1027965
REPORT IS A COMBINATION OF REPORTS P1002112 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S125DIP-B375D850UB50-4F0-XX-W2A-A4
Description: Define 5 Direct/Indirect Pendant with 5000K BioUP LEDs {m-DER=1.015} {m-EER=1.115}
Light Source: -
Ballast/Driver: -

Summary

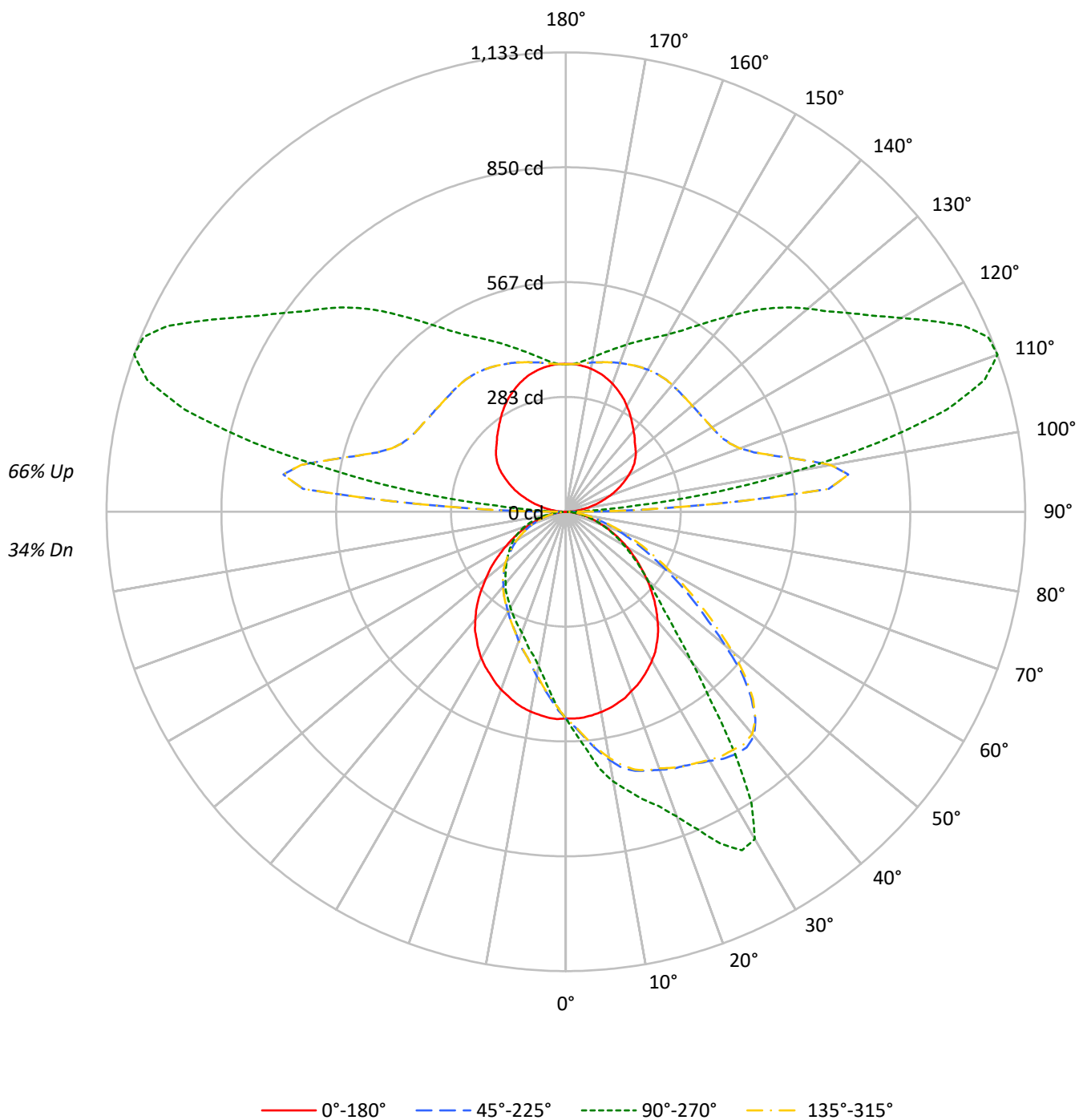
Lumens per Lamp: N/A
Luminaire Lumens: 4175.0 lumens
Efficiency: N/A
Efficacy: 122.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.43 / 1.52
Luminous Opening: Rectangular w/ Sides (W: 0.42' x L: 4' x H: 0.1')
CIE Type: Semi-Indirect

Input Watts (W): 34.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	103	103	103	103	93	93	93	93	75	75	75	58	58	58	42	42	42
1	94	90	87	83	85	82	79	76	66	63	62	51	49	48	37	36	36
2	86	79	73	68	78	72	67	62	58	54	51	45	42	40	33	31	30
3	79	69	62	57	71	63	57	52	51	47	43	40	37	34	29	27	26
4	72	61	54	48	65	56	49	44	45	40	37	35	32	29	26	24	22
5	66	55	47	41	59	50	43	38	40	35	32	32	28	25	24	21	19
6	61	49	41	36	55	45	38	33	36	31	27	29	25	22	21	19	17
7	56	44	36	31	50	40	33	29	33	28	24	26	22	20	20	17	15
8	52	40	32	27	47	36	30	25	30	25	21	24	20	17	18	15	14
9	48	36	29	24	44	33	27	22	27	22	19	22	18	16	16	14	12
10	45	33	26	22	41	30	24	20	25	20	17	20	17	14	15	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3265	3265	3265	3265
5°	3268	3704	3270	2810
10°	3248	4221	3242	2412
15°	3224	4577	3204	2179
20°	3183	5016	3154	1990
25°	3147	5748	3089	1877
30°	3095	6063	3041	1776
35°	3013	4860	2950	1693
40°	2884	3359	2842	1608
45°	2723	2501	2692	1535
50°	2538	2059	2495	1478
55°	2337	1756	2319	1428
60°	2141	1503	2104	1389
65°	1930	1298	1898	1333
70°	1706	1078	1683	1234
75°	1470	834	1449	1072
80°	1160	564	1118	788
85°	743	282	715	401

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 135°

Vertical Angle: 45°

Luminance: 4987 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.0	1.2
10°-20°	146.1	3.5
20°-30°	237.3	5.7
30°-40°	290.0	6.9
40°-50°	263.1	6.3
50°-60°	209.5	5.0
60°-70°	145.9	3.5
70°-80°	77.7	1.9
80°-90°	20.7	0.5
90°-100°	264.9	6.3
100°-110°	571.3	13.7
110°-120°	532.6	12.8
120°-130°	431.4	10.3
130°-140°	346.4	8.3
140°-150°	261.3	6.3
150°-160°	184.0	4.4
160°-170°	108.4	2.6
170°-180°	35.3	0.8
0°-30°	432.4	10.4
0°-40°	722.4	17.3
0°-60°	1195.0	28.6
0°-90°	1439.4	34.5
90°-120°	1368.9	32.8
90°-150°	2407.9	57.7
90°-180°	2736.0	65.5
0°-180°	4175.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	510	510	510	510	510	
5°	509	588	510	446	509	48
15°	489	734	486	350	489	138
25°	450	903	442	295	450	207
35°	392	725	384	253	392	245
45°	308	342	304	210	308	237
55°	217	211	215	171	217	194
65°	134	129	132	133	134	133
75°	65	64	64	82	65	69
85°	13	14	12	20	13	16
90°	1	17	1	17	1	3
95°	24	173	24	173	24	25
105°	83	973	83	973	83	87
115°	148	1084	148	1084	148	146
125°	206	854	206	854	206	183
135°	241	709	241	709	241	187
145°	280	560	280	560	280	176
155°	320	469	320	469	320	147
165°	350	411	350	411	350	98
175°	364	369	364	369	364	35
180°	364	364	364	364	364	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	510.5	513.5	516.9	519.5	523.9	525.2	527.3	528.6	529.9	531.2	532.1
5°	509.2	516.5	523.0	527.8	536.0	539.0	542.9	547.7	553.3	558.0	561.1
7.5°	505.7	517.4	526.0	535.5	546.8	554.2	558.0	568.0	577.1	584.0	593.1
10°	501.4	515.2	528.6	542.9	558.9	567.1	574.9	588.8	601.3	612.6	621.6
12.5°	496.6	513.5	529.5	548.1	569.7	579.7	584.9	608.7	624.2	630.3	648.0
15°	489.3	509.2	532.1	555.0	573.2	584.9	599.1	618.2	633.7	647.2	661.4
17.5°	482.3	504.0	527.3	552.9	579.2	594.4	605.2	622.1	638.9	656.2	669.7
20°	471.1	499.2	523.0	550.3	581.4	592.2	603.5	623.4	641.5	660.1	677.0
22.5°	462.0	488.8	521.3	547.2	573.6	584.4	598.3	619.0	640.7	661.9	686.5
25°	450.3	480.2	508.3	536.0	563.2	574.9	587.5	614.3	636.8	664.0	691.3
27.5°	437.8	468.5	496.6	521.7	547.2	563.2	576.6	604.8	634.6	664.5	699.9
30°	424.4	453.4	480.2	504.8	533.0	549.4	562.8	595.7	629.0	667.1	709.5
32.5°	410.1	437.4	460.3	485.4	515.2	530.4	548.5	584.4	623.8	669.2	722.4
35°	391.9	417.9	438.2	463.7	493.6	513.1	532.1	572.3	618.2	668.8	729.8
37.5°	373.8	394.1	413.6	440.8	475.4	493.2	513.1	557.2	609.5	667.5	732.8
40°	352.1	372.0	388.9	416.6	452.9	473.3	494.0	540.3	599.6	662.7	722.0
42.5°	330.5	347.4	366.0	395.0	430.0	451.6	473.7	525.2	586.6	648.9	692.1
45°	308.0	321.0	341.3	367.7	404.9	425.7	450.8	506.6	568.4	623.8	645.4
47.5°	284.6	297.6	316.7	342.2	379.0	403.6	427.4	483.2	545.5	588.3	588.3
50°	262.2	272.5	291.1	316.7	353.9	376.4	400.6	459.8	510.0	541.6	513.5
52.5°	237.9	249.6	265.2	292.0	328.8	349.1	375.5	426.1	473.7	486.7	443.4
55°	216.7	226.2	241.0	266.5	300.7	321.8	344.3	392.8	433.0	432.2	385.9
57.5°	194.7	202.5	218.0	241.4	273.0	292.0	314.5	356.5	389.3	377.7	334.0
60°	174.3	180.0	195.1	214.1	244.4	262.2	283.8	318.0	343.0	326.6	282.5
62.5°	153.1	159.6	171.7	190.3	217.2	231.4	247.4	282.1	298.1	283.3	238.4
65°	134.1	139.3	150.1	165.7	189.9	202.9	216.7	245.3	260.4	239.2	202.0
67.5°	115.1	121.1	128.9	142.8	161.8	173.9	186.0	210.7	217.6	198.6	167.4
70°	97.3	102.5	109.9	119.8	135.8	146.6	155.7	176.1	180.8	163.1	138.4
72.5°	80.0	83.5	89.5	97.8	112.5	118.5	128.0	141.9	147.9	131.9	114.2
75°	64.9	67.5	71.4	77.4	87.4	93.9	101.7	114.6	114.2	103.0	90.4
77.5°	50.2	50.6	54.9	60.6	66.6	72.2	76.1	85.2	86.1	79.2	68.8
80°	35.9	37.2	38.9	43.3	48.5	50.6	55.4	61.0	61.9	56.7	49.7
82.5°	22.9	23.8	25.1	27.7	31.1	33.7	36.3	38.5	40.7	37.6	32.0
85°	13.0	13.4	14.7	15.6	17.3	18.6	20.8	22.9	22.5	20.3	18.6
87.5°	6.5	6.5	6.5	7.4	8.2	8.2	9.1	9.5	9.9	9.1	8.2
90°	0.7	1.5	2.9	4.4	5.9	6.6	7.3	8.1	9.5	10.3	11.7
92.5°	11.0	13.2	20.6	31.6	47.0	60.2	73.4	123.4	207.1	298.1	293.0
95°	24.2	25.0	30.8	38.9	55.1	71.6	88.1	166.7	328.2	530.9	650.6
97.5°	37.4	38.2	42.6	50.7	65.4	77.5	89.6	143.9	268.0	486.8	702.7
100°	51.4	52.9	55.8	63.9	77.8	88.8	99.9	142.5	237.9	423.0	663.1
102.5°	66.8	67.6	69.8	78.6	91.1	101.7	112.3	149.1	225.4	374.5	593.3
105°	83.0	83.0	86.6	94.0	105.7	116.0	126.3	158.6	224.0	346.6	532.4
107.5°	98.4	99.9	103.5	109.4	121.9	131.0	140.2	171.8	229.1	331.9	486.8
110°	115.3	116.8	119.7	126.3	137.3	146.9	156.4	186.5	237.2	326.0	456.7

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	132.2	133.6	135.8	142.5	153.5	162.6	171.8	200.5	247.5	326.0	439.1
115°	148.3	149.8	152.0	158.6	169.6	178.8	188.0	215.1	257.7	328.2	427.4
117.5°	163.0	165.2	167.4	174.0	186.5	195.3	204.1	229.8	269.5	331.9	420.7
120°	177.7	179.9	182.8	189.4	201.9	211.1	220.3	246.0	281.2	337.8	416.3
122.5°	193.1	194.6	196.8	203.4	217.3	226.5	235.7	261.4	294.4	342.9	412.7
125°	205.6	207.1	210.7	217.3	231.3	240.8	250.4	274.6	306.2	348.8	409.7
127.5°	215.9	218.1	222.5	230.6	245.3	254.8	264.3	287.8	317.2	355.4	408.3
130°	225.4	227.6	233.5	243.0	258.5	268.0	277.6	300.3	328.2	361.3	406.8
132.5°	232.8	235.7	243.0	254.1	270.2	279.8	289.3	312.1	337.8	367.9	406.8
135°	240.8	243.8	252.6	264.3	279.8	289.7	299.6	322.4	346.6	373.8	406.8
137.5°	251.1	253.3	261.4	273.2	288.6	298.8	309.1	329.7	353.2	379.6	407.5
140°	259.9	262.1	271.0	282.7	296.7	306.6	316.5	337.8	359.8	383.3	408.3
142.5°	270.2	271.7	279.8	291.5	304.7	313.9	323.1	342.9	363.5	385.5	409.0
145°	280.5	282.0	289.3	299.6	312.8	321.2	329.7	348.8	367.1	387.0	408.3
147.5°	291.5	292.2	298.9	308.4	320.1	327.8	335.6	352.5	369.3	387.7	406.8
150°	301.1	302.5	307.7	317.2	327.5	333.8	340.0	356.1	371.5	387.7	404.6
152.5°	311.3	312.1	316.5	324.6	334.1	339.6	345.1	359.8	373.0	387.0	401.7
155°	320.1	320.1	324.6	331.9	339.2	344.4	349.5	362.0	373.8	385.5	398.0
157.5°	328.2	328.2	331.9	338.5	345.1	349.2	353.2	364.2	374.5	384.0	394.3
160°	336.3	335.6	338.5	343.6	349.5	352.8	356.1	365.7	374.5	381.8	390.6
162.5°	342.9	342.2	345.1	349.5	353.9	356.5	359.1	367.1	373.8	379.6	386.2
165°	349.5	348.1	350.3	353.9	356.9	359.1	361.3	367.1	373.0	377.4	381.8
167.5°	353.9	353.2	354.7	356.9	359.1	360.6	362.0	367.1	371.5	373.8	377.4
170°	358.3	357.6	358.3	359.8	361.3	362.4	363.5	367.1	370.1	371.5	373.8
172.5°	361.3	359.8	360.5	362.0	362.7	363.1	363.5	366.4	368.6	368.6	369.3
175°	363.5	362.0	362.7	363.5	363.5	363.5	363.5	365.7	367.1	366.4	366.4
177.5°	364.9	363.5	363.5	364.2	363.5	363.5	363.5	364.9	365.7	364.2	364.2
180°	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2

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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	533.0	536.0	538.6	540.7	542.5	545.1	543.3	543.8	544.6	546.4	546.4
5°	567.6	572.3	574.9	583.6	585.7	585.3	584.0	590.9	590.5	587.9	587.5
7.5°	601.3	609.5	616.9	623.8	626.0	631.6	632.9	635.9	635.0	639.4	637.2
10°	632.0	645.0	651.9	662.3	664.9	667.5	671.0	672.7	676.6	676.1	676.1
12.5°	655.8	671.4	680.5	683.1	693.0	696.0	699.1	704.7	703.4	703.8	706.4
15°	674.4	689.6	697.3	709.5	716.4	719.8	725.0	731.1	730.2	734.1	733.2
17.5°	688.3	702.5	716.8	735.0	735.4	744.5	756.6	759.2	764.8	760.9	760.9
20°	699.5	718.5	738.9	762.2	764.8	770.4	785.2	795.1	801.6	799.4	800.7
22.5°	711.6	738.9	762.7	786.0	798.6	808.5	822.8	838.4	844.0	847.4	846.6
25°	727.2	755.7	790.8	823.2	836.2	855.2	874.3	889.4	893.7	903.3	894.6
27.5°	743.2	783.4	827.1	865.2	881.6	897.2	920.1	931.4	937.0	941.3	938.3
30°	756.6	812.0	859.6	894.6	906.3	915.4	928.3	930.9	928.8	932.2	936.6
32.5°	777.4	831.4	871.7	888.5	887.2	886.8	876.9	863.0	860.0	851.8	863.0
35°	788.6	831.9	847.4	825.0	815.9	799.4	767.9	747.1	728.9	725.0	725.9
37.5°	782.1	799.0	780.4	721.1	706.4	681.3	639.4	610.0	596.5	586.2	599.6
40°	747.1	728.5	677.4	605.2	584.0	560.2	520.8	504.8	485.8	481.9	499.6
42.5°	689.1	632.5	560.2	504.4	482.3	468.9	436.1	420.9	407.5	401.4	411.4
45°	610.4	541.6	468.9	423.1	404.5	388.5	369.0	353.0	344.3	341.7	350.0
47.5°	529.1	456.4	398.4	364.2	344.8	332.7	314.5	305.4	298.5	299.4	300.7
50°	451.2	385.0	340.5	306.3	296.8	287.2	275.1	267.3	263.9	265.2	264.3
52.5°	384.1	330.5	292.9	266.5	262.2	253.1	243.1	236.6	235.3	235.8	237.1
55°	325.3	283.3	253.5	234.5	229.7	223.2	217.2	212.8	209.4	210.7	210.2
57.5°	280.8	244.0	221.1	205.5	202.0	198.1	192.5	190.3	189.0	186.4	188.6
60°	241.4	211.5	191.6	182.1	179.1	176.5	170.4	167.8	167.0	165.7	169.1
62.5°	204.2	183.0	167.8	159.2	156.2	153.6	150.5	148.4	148.8	147.1	148.8
65°	174.8	157.5	146.6	138.9	135.0	133.2	132.8	129.3	128.9	129.3	129.8
67.5°	147.5	132.8	124.6	119.8	116.8	115.1	113.8	111.6	113.3	112.0	112.9
70°	122.9	112.9	104.3	99.5	98.2	98.6	96.5	95.6	96.0	95.2	96.0
72.5°	99.1	90.8	87.4	83.9	82.2	81.8	80.5	79.2	80.5	80.0	80.0
75°	79.2	73.1	69.2	67.1	67.1	66.2	64.0	64.0	64.0	63.6	64.0
77.5°	61.0	55.8	54.1	51.9	51.9	50.6	50.2	50.2	49.3	50.6	49.7
80°	45.4	41.5	38.9	37.6	37.6	37.2	36.3	35.9	36.3	35.9	35.9
82.5°	29.4	27.7	26.4	25.1	24.7	25.1	24.7	23.8	24.2	23.8	24.7
85°	16.9	15.1	15.1	14.3	14.7	13.8	14.3	13.4	13.0	14.3	13.4
87.5°	7.4	6.9	6.9	6.1	6.1	6.1	5.6	6.1	5.6	5.2	5.6
90°	12.5	13.2	14.0	14.7	15.4	16.2	16.2	16.2	16.9	16.9	16.9
92.5°	236.4	159.3	114.5	85.2	78.2	71.2	59.5	57.3	55.8	54.3	55.8
95°	636.6	528.0	416.3	326.0	295.2	264.3	212.2	190.2	184.3	172.6	184.3
97.5°	795.2	757.1	668.2	577.2	533.1	489.0	445.0	406.8	387.0	378.2	387.0
100°	846.6	903.2	867.2	791.6	753.4	715.2	664.5	611.7	584.5	572.7	584.5
102.5°	815.8	952.4	989.1	962.7	939.9	917.1	862.1	828.3	798.2	790.1	798.2
105°	743.1	919.3	1019.9	1052.2	1048.2	1044.2	1020.7	996.4	981.7	972.9	981.7
107.5°	674.1	851.8	984.7	1062.5	1078.6	1094.8	1101.4	1097.8	1090.4	1083.1	1090.4
110°	616.8	775.4	914.9	1018.5	1049.7	1080.9	1113.9	1127.9	1133.0	1133.0	1133.0

TEST NUMBER: P1027965

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	574.2	715.2	845.9	950.9	989.1	1027.3	1079.4	1105.8	1120.5	1127.1	1120.5
115°	545.6	666.7	780.5	881.1	921.2	961.2	1018.5	1053.7	1074.3	1083.8	1074.3
117.5°	526.5	633.0	733.6	821.7	859.5	897.3	955.3	992.0	1012.6	1018.5	1012.6
120°	511.1	606.5	694.6	775.4	807.7	840.0	894.4	929.6	949.4	955.3	949.4
122.5°	497.8	586.7	666.7	736.5	766.2	796.0	843.0	874.5	894.4	899.5	894.4
125°	486.1	567.6	642.5	706.4	732.8	759.3	800.4	830.5	846.6	854.0	846.6
127.5°	475.1	547.8	619.0	679.2	704.2	729.1	766.6	793.8	809.2	812.1	809.2
130°	464.1	529.4	594.0	651.3	675.2	699.0	735.8	760.0	774.7	779.1	774.7
132.5°	455.3	511.1	570.5	621.2	644.0	666.7	703.4	727.7	740.9	746.0	740.9
135°	448.7	495.6	546.3	593.3	614.2	635.2	667.5	691.7	704.9	709.3	704.9
137.5°	442.0	481.7	524.3	564.7	583.0	601.4	630.8	653.5	666.0	671.1	666.0
140°	437.6	470.7	505.2	539.0	554.4	569.8	597.0	616.1	627.1	630.8	627.1
142.5°	434.0	461.1	489.0	516.9	529.8	542.6	564.7	580.1	590.4	593.3	590.4
145°	430.3	453.1	475.8	498.6	508.5	518.4	536.0	548.5	556.6	559.5	556.6
147.5°	426.6	445.0	464.1	482.4	490.1	497.8	512.5	522.8	528.0	529.4	528.0
150°	422.2	438.4	454.5	468.5	475.1	481.7	492.7	501.5	504.5	505.2	504.5
152.5°	417.1	431.0	445.0	457.5	462.2	467.0	475.8	482.4	485.4	486.1	485.4
155°	411.2	423.7	435.4	445.7	449.8	453.8	461.1	466.3	468.5	469.2	468.5
157.5°	406.1	416.3	426.6	434.7	438.0	441.3	447.2	451.6	453.8	453.8	453.8
160°	399.5	409.0	416.3	423.7	426.2	428.8	434.0	437.6	439.1	438.4	439.1
162.5°	393.6	400.9	407.5	413.4	415.6	417.8	421.5	424.4	424.4	424.4	424.4
165°	387.7	393.6	398.7	403.1	405.0	406.8	409.7	411.2	411.2	411.2	411.2
167.5°	381.8	386.2	389.9	393.6	395.0	396.5	398.0	399.5	398.7	398.7	398.7
170°	376.7	380.4	382.6	384.8	385.5	386.2	387.7	388.4	388.4	387.7	388.4
172.5°	371.5	373.8	376.0	377.4	377.8	378.2	378.2	379.6	378.2	377.4	378.2
175°	367.1	369.3	369.3	370.8	370.8	370.8	370.8	371.5	370.1	369.3	370.1
177.5°	364.9	365.7	366.4	366.4	366.4	366.4	365.7	366.4	364.2	364.2	364.2
180°	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2

TEST NUMBER: P1027965

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	545.5	542.5	543.3	542.5	540.3	539.0	535.5	531.2	529.5	527.3	526.0
5°	589.2	587.0	586.6	583.1	582.3	577.1	568.4	564.1	558.9	553.7	548.5
7.5°	636.8	634.2	625.5	624.2	625.1	618.6	607.4	598.7	587.9	580.5	570.6
10°	676.1	671.0	663.6	664.0	661.0	652.3	641.1	632.0	616.4	606.9	592.7
12.5°	699.9	695.6	694.7	690.4	687.8	676.6	663.2	651.5	639.8	626.8	616.0
15°	728.9	723.3	719.4	713.3	711.6	699.9	685.2	671.8	658.4	646.3	623.4
17.5°	760.9	754.9	740.2	738.9	728.5	717.2	703.0	683.1	668.8	651.5	634.6
20°	797.3	788.6	769.6	764.8	756.6	738.0	718.5	696.5	673.5	655.8	635.9
22.5°	837.9	822.8	808.9	793.8	787.8	764.8	738.0	711.2	683.5	659.3	635.5
25°	890.7	870.8	851.3	836.2	825.8	796.0	760.1	724.6	692.6	661.0	629.9
27.5°	932.2	914.9	893.7	873.8	860.4	825.0	783.9	738.0	698.2	659.7	626.4
30°	935.3	930.1	917.1	906.3	891.6	853.5	808.1	756.2	706.9	660.1	619.5
32.5°	878.6	889.0	894.6	896.3	893.3	871.2	829.7	772.6	714.6	656.2	613.4
35°	756.6	784.3	818.5	831.4	844.0	855.7	834.0	784.3	717.2	655.4	603.9
37.5°	622.9	648.0	704.7	730.6	745.4	791.6	809.4	782.6	722.4	656.2	594.8
40°	502.7	542.5	583.1	618.2	641.1	693.0	748.0	754.0	715.1	648.0	583.1
42.5°	423.1	446.4	477.1	509.6	529.9	591.4	665.8	709.5	692.1	634.6	568.9
45°	360.3	377.7	406.6	417.5	443.4	502.2	581.0	644.1	652.8	613.4	552.4
47.5°	309.3	324.0	342.6	356.0	376.8	420.9	487.5	557.2	598.7	584.4	529.5
50°	272.5	284.6	300.2	308.0	321.4	361.2	411.4	480.6	536.4	541.2	499.6
52.5°	241.8	248.7	260.9	269.5	280.3	304.5	350.0	407.1	469.8	495.8	462.9
55°	215.0	220.6	231.4	237.1	242.7	263.4	298.9	350.8	409.7	443.8	425.2
57.5°	190.8	195.5	204.6	209.8	212.8	232.7	260.0	300.7	353.4	395.0	384.6
60°	170.9	175.2	180.4	184.3	187.7	204.2	223.2	256.1	303.2	343.5	340.9
62.5°	149.7	153.6	159.2	163.1	166.1	176.5	192.5	217.6	257.8	295.0	302.4
65°	131.1	134.1	138.0	139.7	143.6	151.4	164.4	186.9	219.8	253.1	258.3
67.5°	114.2	115.1	117.7	121.6	122.4	129.3	141.0	157.9	183.4	210.7	218.9
70°	96.0	97.3	99.5	102.5	104.3	108.6	118.5	129.8	151.8	175.6	181.7
72.5°	80.0	81.8	82.6	84.4	85.2	92.1	96.5	107.7	122.9	142.8	149.2
75°	64.9	66.6	67.1	67.9	68.8	71.8	77.9	84.8	97.3	110.3	119.0
77.5°	51.5	51.0	51.9	53.2	52.8	55.4	59.3	65.3	73.5	84.4	90.0
80°	36.3	36.3	37.6	38.9	38.5	41.1	42.4	46.7	53.6	60.6	62.7
82.5°	24.2	24.2	25.5	25.5	26.4	26.8	28.6	30.7	36.3	39.8	41.1
85°	13.8	13.8	14.3	14.3	14.3	15.1	16.4	17.3	19.0	21.2	22.1
87.5°	5.6	6.1	6.1	6.1	6.1	6.9	6.9	7.8	8.2	9.1	9.1
90°	16.2	16.2	16.2	15.4	14.7	14.0	13.2	12.5	11.7	10.3	9.5
92.5°	57.3	59.5	71.2	78.2	85.2	114.5	159.3	236.4	293.0	298.1	207.1
95°	190.2	212.2	264.3	295.2	326.0	416.3	528.0	636.6	650.6	530.9	328.2
97.5°	406.8	445.0	489.0	533.1	577.2	668.2	757.1	795.2	702.7	486.8	268.0
100°	611.7	664.5	715.2	753.4	791.6	867.2	903.2	846.6	663.1	423.0	237.9
102.5°	828.3	862.1	917.1	939.9	962.7	989.1	952.4	815.8	593.3	374.5	225.4
105°	996.4	1020.7	1044.2	1048.2	1052.2	1019.9	919.3	743.1	532.4	346.6	224.0
107.5°	1097.8	1101.4	1094.8	1078.6	1062.5	984.7	851.8	674.1	486.8	331.9	229.1
110°	1127.9	1113.9	1080.9	1049.7	1018.5	914.9	775.4	616.8	456.7	326.0	237.2

TEST NUMBER: P1027965

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	1105.8	1079.4	1027.3	989.1	950.9	845.9	715.2	574.2	439.1	326.0	247.5
115°	1053.7	1018.5	961.2	921.2	881.1	780.5	666.7	545.6	427.4	328.2	257.7
117.5°	992.0	955.3	897.3	859.5	821.7	733.6	633.0	526.5	420.7	331.9	269.5
120°	929.6	894.4	840.0	807.7	775.4	694.6	606.5	511.1	416.3	337.8	281.2
122.5°	874.5	843.0	796.0	766.2	736.5	666.7	586.7	497.8	412.7	342.9	294.4
125°	830.5	800.4	759.3	732.8	706.4	642.5	567.6	486.1	409.7	348.8	306.2
127.5°	793.8	766.6	729.1	704.2	679.2	619.0	547.8	475.1	408.3	355.4	317.2
130°	760.0	735.8	699.0	675.2	651.3	594.0	529.4	464.1	406.8	361.3	328.2
132.5°	727.7	703.4	666.7	644.0	621.2	570.5	511.1	455.3	406.8	367.9	337.8
135°	691.7	667.5	635.2	614.2	593.3	546.3	495.6	448.7	406.8	373.8	346.6
137.5°	653.5	630.8	601.4	583.0	564.7	524.3	481.7	442.0	407.5	379.6	353.2
140°	616.1	597.0	569.8	554.4	539.0	505.2	470.7	437.6	408.3	383.3	359.8
142.5°	580.1	564.7	542.6	529.8	516.9	489.0	461.1	434.0	409.0	385.5	363.5
145°	548.5	536.0	518.4	508.5	498.6	475.8	453.1	430.3	408.3	387.0	367.1
147.5°	522.8	512.5	497.8	490.1	482.4	464.1	445.0	426.6	406.8	387.7	369.3
150°	501.5	492.7	481.7	475.1	468.5	454.5	438.4	422.2	404.6	387.7	371.5
152.5°	482.4	475.8	467.0	462.2	457.5	445.0	431.0	417.1	401.7	387.0	373.0
155°	466.3	461.1	453.8	449.8	445.7	435.4	423.7	411.2	398.0	385.5	373.8
157.5°	451.6	447.2	441.3	438.0	434.7	426.6	416.3	406.1	394.3	384.0	374.5
160°	437.6	434.0	428.8	426.2	423.7	416.3	409.0	399.5	390.6	381.8	374.5
162.5°	424.4	421.5	417.8	415.6	413.4	407.5	400.9	393.6	386.2	379.6	373.8
165°	411.2	409.7	406.8	405.0	403.1	398.7	393.6	387.7	381.8	377.4	373.0
167.5°	399.5	398.0	396.5	395.0	393.6	389.9	386.2	381.8	377.4	373.8	371.5
170°	388.4	387.7	386.2	385.5	384.8	382.6	380.4	376.7	373.8	371.5	370.1
172.5°	379.6	378.2	378.2	377.8	377.4	376.0	373.8	371.5	369.3	368.6	368.6
175°	371.5	370.8	370.8	370.8	370.8	369.3	369.3	367.1	366.4	366.4	367.1
177.5°	366.4	365.7	366.4	366.4	366.4	366.4	365.7	364.9	364.2	364.2	365.7
180°	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2

TEST NUMBER: P1027965

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	524.3	522.1	519.5	519.5	516.5	515.2	512.6	511.8	509.6	506.1	503.5
5°	542.9	537.3	533.8	530.8	524.3	519.5	514.8	509.6	504.4	498.3	491.4
7.5°	561.1	550.7	545.9	540.7	531.2	521.3	511.8	504.8	497.9	488.4	479.7
10°	580.1	567.1	558.5	551.6	536.8	524.3	510.5	500.5	489.7	477.6	466.3
12.5°	596.1	579.2	571.9	558.9	542.0	526.9	509.6	494.5	480.2	465.9	452.1
15°	609.5	593.5	575.3	570.2	546.8	525.2	505.7	486.2	468.5	454.2	438.2
17.5°	613.8	593.5	584.4	571.9	544.2	521.7	497.0	475.9	459.0	437.8	425.2
20°	615.1	595.7	583.1	571.5	546.8	516.9	492.7	466.8	446.4	425.2	405.3
22.5°	611.7	588.8	576.6	565.4	537.7	512.2	484.1	455.5	431.7	412.3	392.4
25°	605.2	578.4	566.7	554.6	528.2	500.1	469.4	442.1	420.0	396.7	377.2
27.5°	596.5	565.8	552.4	539.9	513.9	487.5	458.5	430.4	405.8	381.1	362.9
30°	585.7	550.3	538.1	521.7	496.6	471.5	445.1	417.0	389.3	366.0	346.1
32.5°	571.9	534.7	518.7	503.1	475.9	452.9	427.8	401.4	374.6	351.7	330.9
35°	559.3	516.9	499.2	483.6	453.4	429.1	408.4	383.7	359.9	336.1	317.5
37.5°	542.5	499.2	478.0	462.0	431.3	406.6	387.2	368.1	343.0	320.1	302.8
40°	524.7	477.1	457.3	441.2	409.2	382.4	363.8	346.9	326.6	305.4	287.2
42.5°	508.7	456.0	434.8	415.3	382.8	359.1	340.0	327.0	308.4	289.4	273.0
45°	488.4	433.5	410.5	390.2	359.1	333.1	314.9	304.5	290.7	272.1	257.8
47.5°	467.6	409.2	385.4	365.5	331.8	308.9	291.1	281.2	271.7	257.0	242.7
50°	440.4	383.7	362.1	339.2	305.8	282.5	267.8	257.8	250.5	240.1	228.0
52.5°	410.5	357.3	334.0	314.1	281.2	260.0	243.1	237.5	230.1	222.4	212.0
55°	379.0	328.8	306.3	286.8	256.5	234.9	221.1	215.0	209.4	203.3	196.4
57.5°	347.4	298.9	277.7	260.4	232.3	211.5	200.3	192.1	188.2	184.7	179.1
60°	308.0	266.9	250.5	234.9	207.2	188.2	177.4	171.3	167.8	166.1	163.5
62.5°	273.4	239.7	221.5	206.3	184.3	167.4	157.0	152.3	149.2	148.4	145.4
65°	236.6	207.6	193.4	180.4	161.4	146.2	137.6	131.9	129.8	129.3	129.3
67.5°	202.0	178.7	164.4	155.3	138.9	125.5	117.2	115.1	113.8	112.0	111.6
70°	169.6	151.0	138.4	130.6	115.9	106.0	99.5	96.0	96.0	94.7	93.9
72.5°	141.0	122.4	114.2	107.7	95.6	87.0	82.2	81.3	78.3	77.9	77.9
75°	110.3	96.5	90.8	85.2	76.1	70.1	66.2	64.0	62.3	62.3	62.7
77.5°	83.1	73.5	68.3	64.0	57.5	53.6	50.6	49.7	48.0	48.0	48.0
80°	58.8	53.6	49.7	46.3	41.5	38.1	36.3	34.6	34.6	34.2	34.6
82.5°	38.1	33.7	31.6	31.1	26.8	25.5	23.4	23.8	22.5	22.1	22.9
85°	22.1	19.9	17.3	16.4	14.7	13.0	12.1	12.5	12.1	11.7	12.1
87.5°	8.7	7.4	6.9	6.9	5.6	5.2	4.8	5.2	4.3	4.3	4.8
90°	8.1	7.3	6.6	5.9	4.4	2.9	1.5	0.7	1.5	2.9	4.4
92.5°	123.4	73.4	60.2	47.0	31.6	20.6	13.2	11.0	13.2	20.6	31.6
95°	166.7	88.1	71.6	55.1	38.9	30.8	25.0	24.2	25.0	30.8	38.9
97.5°	143.9	89.6	77.5	65.4	50.7	42.6	38.2	37.4	38.2	42.6	50.7
100°	142.5	99.9	88.8	77.8	63.9	55.8	52.9	51.4	52.9	55.8	63.9
102.5°	149.1	112.3	101.7	91.1	78.6	69.8	67.6	66.8	67.6	69.8	78.6
105°	158.6	126.3	116.0	105.7	94.0	86.6	83.0	83.0	83.0	86.6	94.0
107.5°	171.8	140.2	131.0	121.9	109.4	103.5	99.9	98.4	99.9	103.5	109.4
110°	186.5	156.4	146.9	137.3	126.3	119.7	116.8	115.3	116.8	119.7	126.3

TEST NUMBER: P1027965

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	200.5	171.8	162.6	153.5	142.5	135.8	133.6	132.2	133.6	135.8	142.5
115°	215.1	188.0	178.8	169.6	158.6	152.0	149.8	148.3	149.8	152.0	158.6
117.5°	229.8	204.1	195.3	186.5	174.0	167.4	165.2	163.0	165.2	167.4	174.0
120°	246.0	220.3	211.1	201.9	189.4	182.8	179.9	177.7	179.9	182.8	189.4
122.5°	261.4	235.7	226.5	217.3	203.4	196.8	194.6	193.1	194.6	196.8	203.4
125°	274.6	250.4	240.8	231.3	217.3	210.7	207.1	205.6	207.1	210.7	217.3
127.5°	287.8	264.3	254.8	245.3	230.6	222.5	218.1	215.9	218.1	222.5	230.6
130°	300.3	277.6	268.0	258.5	243.0	233.5	227.6	225.4	227.6	233.5	243.0
132.5°	312.1	289.3	279.8	270.2	254.1	243.0	235.7	232.8	235.7	243.0	254.1
135°	322.4	299.6	289.7	279.8	264.3	252.6	243.8	240.8	243.8	252.6	264.3
137.5°	329.7	309.1	298.8	288.6	273.2	261.4	253.3	251.1	253.3	261.4	273.2
140°	337.8	316.5	306.6	296.7	282.7	271.0	262.1	259.9	262.1	271.0	282.7
142.5°	342.9	323.1	313.9	304.7	291.5	279.8	271.7	270.2	271.7	279.8	291.5
145°	348.8	329.7	321.2	312.8	299.6	289.3	282.0	280.5	282.0	289.3	299.6
147.5°	352.5	335.6	327.8	320.1	308.4	298.9	292.2	291.5	292.2	298.9	308.4
150°	356.1	340.0	333.8	327.5	317.2	307.7	302.5	301.1	302.5	307.7	317.2
152.5°	359.8	345.1	339.6	334.1	324.6	316.5	312.1	311.3	312.1	316.5	324.6
155°	362.0	349.5	344.4	339.2	331.9	324.6	320.1	320.1	320.1	324.6	331.9
157.5°	364.2	353.2	349.2	345.1	338.5	331.9	328.2	328.2	328.2	331.9	338.5
160°	365.7	356.1	352.8	349.5	343.6	338.5	335.6	336.3	335.6	338.5	343.6
162.5°	367.1	359.1	356.5	353.9	349.5	345.1	342.2	342.9	342.2	345.1	349.5
165°	367.1	361.3	359.1	356.9	353.9	350.3	348.1	349.5	348.1	350.3	353.9
167.5°	367.1	362.0	360.6	359.1	356.9	354.7	353.2	353.9	353.2	354.7	356.9
170°	367.1	363.5	362.4	361.3	359.8	358.3	357.6	358.3	357.6	358.3	359.8
172.5°	366.4	363.5	363.1	362.7	362.0	360.5	359.8	361.3	359.8	360.5	362.0
175°	365.7	363.5	363.5	363.5	363.5	362.7	362.0	363.5	362.0	362.7	363.5
177.5°	364.9	363.5	363.5	363.5	364.2	363.5	363.5	364.9	363.5	363.5	364.2
180°	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2

TEST NUMBER: P1027965

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	502.7	501.8	499.6	498.3	494.0	488.8	487.1	482.8	484.5	481.5	481.5
5°	489.3	485.4	482.8	478.9	470.7	465.0	459.0	456.0	454.2	452.1	450.3
7.5°	472.0	468.9	466.3	459.0	449.9	442.1	434.8	431.7	426.1	422.2	420.5
10°	456.8	452.5	446.4	437.8	428.3	418.3	411.8	405.3	401.0	398.9	394.1
12.5°	441.2	436.1	429.6	417.0	406.6	400.6	388.9	382.8	380.7	379.0	373.3
15°	425.2	419.6	411.8	400.1	391.1	376.8	369.9	365.1	359.9	359.5	355.2
17.5°	411.0	404.0	397.6	383.3	372.0	359.5	355.6	350.4	345.6	340.5	338.3
20°	392.8	386.3	381.5	366.0	353.4	345.6	339.2	334.8	331.8	326.6	325.7
22.5°	376.4	369.4	362.9	351.3	340.5	330.5	322.7	318.0	316.7	314.5	310.6
25°	360.3	353.4	345.6	334.8	323.6	316.7	309.7	306.7	304.1	300.7	297.6
27.5°	346.9	340.5	333.1	319.7	310.2	305.0	297.6	294.2	290.7	289.0	287.7
30°	330.9	323.6	318.0	307.6	297.2	290.3	285.1	282.1	279.0	277.3	276.4
32.5°	315.4	308.4	304.5	293.3	285.1	276.9	273.0	270.8	269.1	267.3	265.6
35°	302.8	295.9	289.8	279.5	271.2	265.6	262.6	259.1	257.8	256.1	256.1
37.5°	287.2	282.1	276.0	266.0	258.7	254.4	251.8	247.4	247.0	246.1	244.8
40°	273.8	268.6	263.0	254.4	247.9	242.7	239.2	237.1	235.8	234.9	234.0
42.5°	259.6	253.9	251.3	241.4	235.8	230.6	228.8	226.7	226.2	224.5	222.4
45°	245.7	241.0	235.8	228.4	223.7	219.3	216.7	215.0	212.8	212.4	211.1
47.5°	233.6	228.0	223.2	216.3	211.1	207.6	205.5	203.3	201.6	200.3	199.0
50°	218.0	213.7	209.8	202.5	198.1	194.7	191.6	189.9	188.2	188.2	188.2
52.5°	202.9	199.0	195.5	190.3	185.1	182.1	178.7	177.4	176.5	175.2	176.5
55°	188.2	184.3	180.8	176.9	170.9	168.3	164.8	163.5	164.0	164.0	165.3
57.5°	172.6	169.6	167.4	162.7	157.0	154.4	152.3	151.0	151.0	152.7	153.1
60°	157.5	154.4	150.5	146.2	142.8	139.7	138.4	138.9	138.9	139.7	141.9
62.5°	140.6	138.9	136.7	130.6	128.5	126.3	124.6	125.9	125.5	127.6	130.6
65°	125.0	123.3	120.3	117.2	114.6	112.5	112.0	112.5	113.3	115.5	119.0
67.5°	107.7	107.7	105.1	102.5	100.4	98.2	98.6	99.1	99.9	102.5	107.7
70°	93.4	91.7	89.1	87.4	85.7	84.8	83.9	85.7	88.2	90.0	93.9
72.5°	77.9	76.6	74.4	72.7	72.2	71.4	70.9	71.8	74.4	77.4	81.8
75°	61.4	61.9	60.6	59.3	59.3	58.0	58.8	58.8	61.4	64.5	67.9
77.5°	47.6	47.2	46.7	45.9	45.4	45.4	45.4	46.3	48.9	50.6	54.1
80°	33.7	34.2	32.9	33.3	32.9	33.3	33.3	35.0	36.3	38.5	41.1
82.5°	22.5	22.5	21.6	22.1	22.1	22.1	22.5	23.4	25.1	26.8	28.6
85°	12.5	13.0	12.1	13.0	13.0	13.0	13.4	13.8	15.1	15.6	17.3
87.5°	4.8	5.6	5.6	4.8	5.2	5.6	6.1	5.6	6.5	7.4	7.8
90°	5.9	6.6	7.3	8.1	9.5	10.3	11.7	12.5	13.2	14.0	14.7
92.5°	47.0	60.2	73.4	123.4	207.1	298.1	293.0	236.4	159.3	114.5	85.2
95°	55.1	71.6	88.1	166.7	328.2	530.9	650.6	636.6	528.0	416.3	326.0
97.5°	65.4	77.5	89.6	143.9	268.0	486.8	702.7	795.2	757.1	668.2	577.2
100°	77.8	88.8	99.9	142.5	237.9	423.0	663.1	846.6	903.2	867.2	791.6
102.5°	91.1	101.7	112.3	149.1	225.4	374.5	593.3	815.8	952.4	989.1	962.7
105°	105.7	116.0	126.3	158.6	224.0	346.6	532.4	743.1	919.3	1019.9	1052.2
107.5°	121.9	131.0	140.2	171.8	229.1	331.9	486.8	674.1	851.8	984.7	1062.5
110°	137.3	146.9	156.4	186.5	237.2	326.0	456.7	616.8	775.4	914.9	1018.5

TEST NUMBER: P1027965

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	153.5	162.6	171.8	200.5	247.5	326.0	439.1	574.2	715.2	845.9	950.9
115°	169.6	178.8	188.0	215.1	257.7	328.2	427.4	545.6	666.7	780.5	881.1
117.5°	186.5	195.3	204.1	229.8	269.5	331.9	420.7	526.5	633.0	733.6	821.7
120°	201.9	211.1	220.3	246.0	281.2	337.8	416.3	511.1	606.5	694.6	775.4
122.5°	217.3	226.5	235.7	261.4	294.4	342.9	412.7	497.8	586.7	666.7	736.5
125°	231.3	240.8	250.4	274.6	306.2	348.8	409.7	486.1	567.6	642.5	706.4
127.5°	245.3	254.8	264.3	287.8	317.2	355.4	408.3	475.1	547.8	619.0	679.2
130°	258.5	268.0	277.6	300.3	328.2	361.3	406.8	464.1	529.4	594.0	651.3
132.5°	270.2	279.8	289.3	312.1	337.8	367.9	406.8	455.3	511.1	570.5	621.2
135°	279.8	289.7	299.6	322.4	346.6	373.8	406.8	448.7	495.6	546.3	593.3
137.5°	288.6	298.8	309.1	329.7	353.2	379.6	407.5	442.0	481.7	524.3	564.7
140°	296.7	306.6	316.5	337.8	359.8	383.3	408.3	437.6	470.7	505.2	539.0
142.5°	304.7	313.9	323.1	342.9	363.5	385.5	409.0	434.0	461.1	489.0	516.9
145°	312.8	321.2	329.7	348.8	367.1	387.0	408.3	430.3	453.1	475.8	498.6
147.5°	320.1	327.8	335.6	352.5	369.3	387.7	406.8	426.6	445.0	464.1	482.4
150°	327.5	333.8	340.0	356.1	371.5	387.7	404.6	422.2	438.4	454.5	468.5
152.5°	334.1	339.6	345.1	359.8	373.0	387.0	401.7	417.1	431.0	445.0	457.5
155°	339.2	344.4	349.5	362.0	373.8	385.5	398.0	411.2	423.7	435.4	445.7
157.5°	345.1	349.2	353.2	364.2	374.5	384.0	394.3	406.1	416.3	426.6	434.7
160°	349.5	352.8	356.1	365.7	374.5	381.8	390.6	399.5	409.0	416.3	423.7
162.5°	353.9	356.5	359.1	367.1	373.8	379.6	386.2	393.6	400.9	407.5	413.4
165°	356.9	359.1	361.3	367.1	373.0	377.4	381.8	387.7	393.6	398.7	403.1
167.5°	359.1	360.6	362.0	367.1	371.5	373.8	377.4	381.8	386.2	389.9	393.6
170°	361.3	362.4	363.5	367.1	370.1	371.5	373.8	376.7	380.4	382.6	384.8
172.5°	362.7	363.1	363.5	366.4	368.6	368.6	369.3	371.5	373.8	376.0	377.4
175°	363.5	363.5	363.5	365.7	367.1	366.4	366.4	367.1	369.3	369.3	370.8
177.5°	363.5	363.5	363.5	364.9	365.7	364.2	364.2	364.9	365.7	366.4	366.4
180°	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2

TEST NUMBER: P1027965

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	483.2	480.2	479.7	480.6	478.9	481.5	480.6	481.5	479.3	481.5	480.2
5°	449.9	449.0	447.3	445.1	445.6	446.0	448.2	446.0	447.7	448.2	450.3
7.5°	418.7	417.0	418.3	417.5	413.6	412.7	413.6	414.9	417.5	419.2	420.5
10°	393.7	392.8	391.1	389.8	387.6	386.3	388.0	386.3	389.8	392.8	392.8
12.5°	374.6	371.2	369.0	368.6	363.8	364.7	366.4	367.7	371.6	373.3	373.3
15°	354.7	352.1	351.3	349.5	347.8	349.5	348.7	350.0	351.7	353.4	354.3
17.5°	337.4	337.0	337.4	333.1	334.4	332.2	332.7	334.8	333.5	334.8	337.4
20°	321.8	322.7	321.4	319.7	319.7	317.1	320.1	319.3	319.7	322.3	326.2
22.5°	310.2	309.7	308.4	307.1	305.4	305.8	306.3	305.4	308.9	311.0	311.5
25°	297.6	296.8	296.3	295.0	293.3	295.0	294.6	295.0	295.9	299.4	296.8
27.5°	285.9	284.2	285.1	283.8	283.3	283.8	283.8	284.2	285.1	285.5	285.9
30°	276.0	274.3	273.8	273.0	272.5	273.0	273.8	273.0	276.4	276.0	276.0
32.5°	265.2	263.9	263.0	263.0	262.6	262.2	262.6	263.0	265.6	263.9	265.6
35°	254.8	253.9	253.9	253.1	252.6	252.6	252.6	254.4	253.5	254.8	254.8
37.5°	244.8	244.8	244.4	243.5	243.1	243.5	243.1	244.0	243.5	244.0	244.4
40°	234.5	233.6	233.2	233.2	231.9	230.6	231.9	231.9	232.3	233.6	234.0
42.5°	221.9	222.4	222.4	220.6	220.6	220.6	221.1	221.5	221.5	222.4	222.4
45°	211.1	210.2	210.2	210.2	209.4	209.8	210.7	210.7	210.7	210.7	209.8
47.5°	199.0	199.0	199.4	199.4	200.7	200.3	200.3	199.9	199.0	199.0	199.4
50°	187.7	189.0	189.5	189.5	189.9	190.3	190.3	189.5	189.0	187.7	187.7
52.5°	176.9	177.8	178.7	180.0	180.8	180.4	180.4	179.5	177.8	177.4	176.9
55°	165.3	166.5	168.3	169.6	170.9	171.3	171.3	169.6	167.8	165.7	165.7
57.5°	154.4	155.7	158.8	160.1	161.8	161.8	160.9	159.6	157.0	155.3	154.0
60°	143.6	145.8	147.9	150.5	152.7	153.1	151.8	150.1	147.1	144.9	143.2
62.5°	131.9	134.1	138.4	141.0	142.8	142.8	142.8	140.6	136.7	133.7	131.1
65°	120.7	122.9	126.7	130.2	131.5	132.8	131.5	129.3	126.3	122.9	120.3
67.5°	109.0	111.6	115.5	118.1	119.8	121.1	120.3	118.5	114.6	109.9	108.1
70°	96.0	97.3	103.0	105.6	108.1	109.0	108.1	105.6	101.7	96.5	94.7
72.5°	83.9	85.2	90.4	92.6	94.7	95.6	94.3	92.6	89.1	84.4	82.2
75°	70.1	72.2	74.8	78.3	80.9	81.8	80.5	79.2	74.8	71.8	70.1
77.5°	55.4	57.5	61.0	64.0	66.6	66.2	64.5	64.9	60.1	56.7	55.4
80°	42.0	43.7	46.3	48.9	50.2	50.2	49.7	48.0	46.3	43.7	41.5
82.5°	29.0	31.1	33.3	35.0	35.0	35.5	34.6	34.2	32.4	30.3	29.8
85°	17.3	17.7	19.5	19.5	21.2	20.3	19.9	21.2	19.5	18.2	17.7
87.5°	7.8	7.4	7.8	7.8	7.4	8.2	8.2	7.8	8.2	7.8	7.8
90°	15.4	16.2	16.2	16.2	16.9	16.9	16.9	16.2	16.2	16.2	15.4
92.5°	78.2	71.2	59.5	57.3	55.8	54.3	55.8	57.3	59.5	71.2	78.2
95°	295.2	264.3	212.2	190.2	184.3	172.6	184.3	190.2	212.2	264.3	295.2
97.5°	533.1	489.0	445.0	406.8	387.0	378.2	387.0	406.8	445.0	489.0	533.1
100°	753.4	715.2	664.5	611.7	584.5	572.7	584.5	611.7	664.5	715.2	753.4
102.5°	939.9	917.1	862.1	828.3	798.2	790.1	798.2	828.3	862.1	917.1	939.9
105°	1048.2	1044.2	1020.7	996.4	981.7	972.9	981.7	996.4	1020.7	1044.2	1048.2
107.5°	1078.6	1094.8	1101.4	1097.8	1090.4	1083.1	1090.4	1097.8	1101.4	1094.8	1078.6
110°	1049.7	1080.9	1113.9	1127.9	1133.0	1133.0	1133.0	1127.9	1113.9	1080.9	1049.7

TEST NUMBER: P1027965

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	989.1	1027.3	1079.4	1105.8	1120.5	1127.1	1120.5	1105.8	1079.4	1027.3	989.1
115°	921.2	961.2	1018.5	1053.7	1074.3	1083.8	1074.3	1053.7	1018.5	961.2	921.2
117.5°	859.5	897.3	955.3	992.0	1012.6	1018.5	1012.6	992.0	955.3	897.3	859.5
120°	807.7	840.0	894.4	929.6	949.4	955.3	949.4	929.6	894.4	840.0	807.7
122.5°	766.2	796.0	843.0	874.5	894.4	899.5	894.4	874.5	843.0	796.0	766.2
125°	732.8	759.3	800.4	830.5	846.6	854.0	846.6	830.5	800.4	759.3	732.8
127.5°	704.2	729.1	766.6	793.8	809.2	812.1	809.2	793.8	766.6	729.1	704.2
130°	675.2	699.0	735.8	760.0	774.7	779.1	774.7	760.0	735.8	699.0	675.2
132.5°	644.0	666.7	703.4	727.7	740.9	746.0	740.9	727.7	703.4	666.7	644.0
135°	614.2	635.2	667.5	691.7	704.9	709.3	704.9	691.7	667.5	635.2	614.2
137.5°	583.0	601.4	630.8	653.5	666.0	671.1	666.0	653.5	630.8	601.4	583.0
140°	554.4	569.8	597.0	616.1	627.1	630.8	627.1	616.1	597.0	569.8	554.4
142.5°	529.8	542.6	564.7	580.1	590.4	593.3	590.4	580.1	564.7	542.6	529.8
145°	508.5	518.4	536.0	548.5	556.6	559.5	556.6	548.5	536.0	518.4	508.5
147.5°	490.1	497.8	512.5	522.8	528.0	529.4	528.0	522.8	512.5	497.8	490.1
150°	475.1	481.7	492.7	501.5	504.5	505.2	504.5	501.5	492.7	481.7	475.1
152.5°	462.2	467.0	475.8	482.4	485.4	486.1	485.4	482.4	475.8	467.0	462.2
155°	449.8	453.8	461.1	466.3	468.5	469.2	468.5	466.3	461.1	453.8	449.8
157.5°	438.0	441.3	447.2	451.6	453.8	453.8	453.8	451.6	447.2	441.3	438.0
160°	426.2	428.8	434.0	437.6	439.1	438.4	439.1	437.6	434.0	428.8	426.2
162.5°	415.6	417.8	421.5	424.4	424.4	424.4	424.4	424.4	421.5	417.8	415.6
165°	405.0	406.8	409.7	411.2	411.2	411.2	411.2	411.2	409.7	406.8	405.0
167.5°	395.0	396.5	398.0	399.5	398.7	398.7	398.7	399.5	398.0	396.5	395.0
170°	385.5	386.2	387.7	388.4	388.4	387.7	388.4	388.4	387.7	386.2	385.5
172.5°	377.8	378.2	378.2	379.6	378.2	377.4	378.2	379.6	378.2	378.2	377.8
175°	370.8	370.8	370.8	371.5	370.1	369.3	370.1	371.5	370.8	370.8	370.8
177.5°	366.4	366.4	365.7	366.4	364.2	364.2	364.2	366.4	365.7	366.4	366.4
180°	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2

TEST NUMBER: P1027965

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6	509.6
2.5°	484.1	481.5	484.5	480.6	481.5	486.2	485.8	490.1	492.7	492.3	494.5
5°	452.1	452.1	453.4	452.9	457.3	461.1	466.3	470.7	475.4	478.0	481.0
7.5°	420.5	424.8	425.7	427.8	433.0	439.5	444.7	451.2	458.1	462.9	466.3
10°	394.5	398.0	401.4	403.2	408.8	417.5	424.8	435.2	443.8	449.0	453.8
12.5°	371.6	375.5	377.2	385.0	388.9	394.5	404.9	416.2	425.7	431.3	435.2
15°	355.2	357.3	361.2	366.0	369.9	376.8	385.4	398.0	407.1	411.8	425.2
17.5°	341.3	343.9	346.1	348.2	354.3	361.6	369.9	380.7	392.4	400.6	407.5
20°	327.0	328.3	330.9	334.4	338.7	345.6	353.0	364.2	374.6	381.1	390.2
22.5°	310.2	314.1	316.7	319.3	324.0	331.8	338.7	346.9	359.9	367.3	376.8
25°	300.2	301.9	303.7	306.7	310.2	317.1	324.9	333.5	343.9	351.7	359.9
27.5°	287.2	289.8	292.0	295.9	298.1	303.7	311.0	319.7	332.2	338.7	345.6
30°	276.4	279.0	280.8	282.5	285.5	291.6	298.5	305.4	317.1	325.3	332.2
32.5°	265.6	268.2	270.4	271.7	274.7	278.6	284.2	292.9	302.8	308.4	317.5
35°	256.1	256.1	258.7	260.4	263.0	266.5	271.7	278.2	288.5	295.9	304.1
37.5°	245.3	245.7	247.9	249.2	251.8	255.2	260.4	266.5	275.1	280.8	289.0
40°	234.0	235.3	236.2	238.4	241.4	242.7	247.9	254.8	263.4	268.6	275.6
42.5°	222.8	223.7	225.8	227.5	230.1	232.3	235.8	242.3	248.7	256.5	262.2
45°	210.2	212.4	213.7	216.7	218.0	220.2	223.7	228.8	236.6	241.4	247.9
47.5°	199.4	200.3	201.2	205.0	207.6	208.9	212.4	215.4	223.7	228.0	234.0
50°	187.7	187.7	189.0	190.8	193.8	196.4	199.4	202.9	209.4	213.7	219.8
52.5°	176.9	175.6	176.5	177.4	180.4	183.0	186.0	190.8	196.8	199.4	204.6
55°	165.3	163.1	164.4	165.7	166.5	170.0	173.5	176.5	181.3	185.1	189.9
57.5°	152.7	152.3	151.4	151.8	154.0	156.2	158.8	162.7	168.3	171.3	173.9
60°	141.5	138.9	138.0	138.9	140.2	141.5	144.9	148.4	153.1	156.2	159.2
62.5°	129.8	127.2	125.5	124.2	125.5	128.5	130.6	133.2	137.1	140.6	143.2
65°	118.5	114.6	112.9	112.0	111.6	113.8	115.5	119.0	122.4	123.7	126.7
67.5°	106.0	102.5	100.4	99.1	99.1	99.1	100.8	104.3	107.7	108.1	111.2
70°	93.4	89.5	87.4	85.7	84.8	85.7	87.8	88.2	91.3	92.1	93.9
72.5°	80.0	76.6	74.0	71.8	72.2	73.1	73.1	74.0	75.7	77.9	77.9
75°	67.5	62.7	61.4	59.7	58.8	58.8	58.8	60.6	61.9	63.6	63.2
77.5°	53.2	50.6	48.0	47.2	45.9	45.4	46.3	46.3	47.2	48.5	48.9
80°	41.1	38.1	36.3	35.5	33.7	33.3	33.7	33.7	35.0	34.6	35.0
82.5°	28.6	26.4	25.1	23.8	22.9	23.4	22.9	22.9	23.4	22.9	22.9
85°	16.4	16.0	15.1	14.7	14.3	13.4	14.3	13.8	13.4	13.0	13.8
87.5°	7.8	7.4	7.4	6.5	6.5	6.1	6.5	6.5	6.1	6.1	6.1
90°	14.7	14.0	13.2	12.5	11.7	10.3	9.5	8.1	7.3	6.6	5.9
92.5°	85.2	114.5	159.3	236.4	293.0	298.1	207.1	123.4	73.4	60.2	47.0
95°	326.0	416.3	528.0	636.6	650.6	530.9	328.2	166.7	88.1	71.6	55.1
97.5°	577.2	668.2	757.1	795.2	702.7	486.8	268.0	143.9	89.6	77.5	65.4
100°	791.6	867.2	903.2	846.6	663.1	423.0	237.9	142.5	99.9	88.8	77.8
102.5°	962.7	989.1	952.4	815.8	593.3	374.5	225.4	149.1	112.3	101.7	91.1
105°	1052.2	1019.9	919.3	743.1	532.4	346.6	224.0	158.6	126.3	116.0	105.7
107.5°	1062.5	984.7	851.8	674.1	486.8	331.9	229.1	171.8	140.2	131.0	121.9
110°	1018.5	914.9	775.4	616.8	456.7	326.0	237.2	186.5	156.4	146.9	137.3

TEST NUMBER: P1027965

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CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	950.9	845.9	715.2	574.2	439.1	326.0	247.5	200.5	171.8	162.6	153.5
115°	881.1	780.5	666.7	545.6	427.4	328.2	257.7	215.1	188.0	178.8	169.6
117.5°	821.7	733.6	633.0	526.5	420.7	331.9	269.5	229.8	204.1	195.3	186.5
120°	775.4	694.6	606.5	511.1	416.3	337.8	281.2	246.0	220.3	211.1	201.9
122.5°	736.5	666.7	586.7	497.8	412.7	342.9	294.4	261.4	235.7	226.5	217.3
125°	706.4	642.5	567.6	486.1	409.7	348.8	306.2	274.6	250.4	240.8	231.3
127.5°	679.2	619.0	547.8	475.1	408.3	355.4	317.2	287.8	264.3	254.8	245.3
130°	651.3	594.0	529.4	464.1	406.8	361.3	328.2	300.3	277.6	268.0	258.5
132.5°	621.2	570.5	511.1	455.3	406.8	367.9	337.8	312.1	289.3	279.8	270.2
135°	593.3	546.3	495.6	448.7	406.8	373.8	346.6	322.4	299.6	289.7	279.8
137.5°	564.7	524.3	481.7	442.0	407.5	379.6	353.2	329.7	309.1	298.8	288.6
140°	539.0	505.2	470.7	437.6	408.3	383.3	359.8	337.8	316.5	306.6	296.7
142.5°	516.9	489.0	461.1	434.0	409.0	385.5	363.5	342.9	323.1	313.9	304.7
145°	498.6	475.8	453.1	430.3	408.3	387.0	367.1	348.8	329.7	321.2	312.8
147.5°	482.4	464.1	445.0	426.6	406.8	387.7	369.3	352.5	335.6	327.8	320.1
150°	468.5	454.5	438.4	422.2	404.6	387.7	371.5	356.1	340.0	333.8	327.5
152.5°	457.5	445.0	431.0	417.1	401.7	387.0	373.0	359.8	345.1	339.6	334.1
155°	445.7	435.4	423.7	411.2	398.0	385.5	373.8	362.0	349.5	344.4	339.2
157.5°	434.7	426.6	416.3	406.1	394.3	384.0	374.5	364.2	353.2	349.2	345.1
160°	423.7	416.3	409.0	399.5	390.6	381.8	374.5	365.7	356.1	352.8	349.5
162.5°	413.4	407.5	400.9	393.6	386.2	379.6	373.8	367.1	359.1	356.5	353.9
165°	403.1	398.7	393.6	387.7	381.8	377.4	373.0	367.1	361.3	359.1	356.9
167.5°	393.6	389.9	386.2	381.8	377.4	373.8	371.5	367.1	362.0	360.6	359.1
170°	384.8	382.6	380.4	376.7	373.8	371.5	370.1	367.1	363.5	362.4	361.3
172.5°	377.4	376.0	373.8	371.5	369.3	368.6	368.6	366.4	363.5	363.1	362.7
175°	370.8	369.3	369.3	367.1	366.4	366.4	367.1	365.7	363.5	363.5	363.5
177.5°	366.4	366.4	365.7	364.9	364.2	364.2	365.7	364.9	363.5	363.5	363.5
180°	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2	364.2

TEST NUMBER: P1027965

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	509.6	509.6	509.6	509.6
2.5°	497.5	501.8	504.8	510.5
5°	486.2	494.0	501.4	509.2
7.5°	475.0	484.1	495.8	505.7
10°	462.4	474.1	488.0	501.4
12.5°	449.9	463.7	478.9	496.6
15°	434.8	452.5	470.2	489.3
17.5°	421.3	439.5	458.5	482.3
20°	406.2	426.1	446.9	471.1
22.5°	392.8	414.9	436.5	462.0
25°	377.7	399.3	423.1	450.3
27.5°	365.1	385.0	408.4	437.8
30°	350.0	371.6	395.0	424.4
32.5°	335.7	356.5	381.1	410.1
35°	321.0	342.2	364.2	391.9
37.5°	307.1	325.3	347.4	373.8
40°	291.6	311.5	331.4	352.1
42.5°	277.3	295.5	314.1	330.5
45°	261.3	276.9	294.6	308.0
47.5°	246.6	260.4	274.3	284.6
50°	231.9	242.7	253.1	262.2
52.5°	214.6	226.7	232.3	237.9
55°	199.0	205.9	211.1	216.7
57.5°	183.9	186.9	189.5	194.7
60°	164.0	167.4	170.4	174.3
62.5°	146.6	148.4	149.2	153.1
65°	130.2	129.8	131.9	134.1
67.5°	112.5	112.0	114.2	115.1
70°	95.2	94.7	95.2	97.3
72.5°	78.7	78.7	79.2	80.0
75°	63.6	63.6	64.0	64.9
77.5°	48.0	48.9	48.5	50.2
80°	35.0	34.2	35.0	35.9
82.5°	22.9	23.8	23.8	22.9
85°	13.0	13.0	13.0	13.0
87.5°	5.6	5.6	6.1	6.5
90°	4.4	2.9	1.5	0.7
92.5°	31.6	20.6	13.2	11.0
95°	38.9	30.8	25.0	24.2
97.5°	50.7	42.6	38.2	37.4
100°	63.9	55.8	52.9	51.4
102.5°	78.6	69.8	67.6	66.8
105°	94.0	86.6	83.0	83.0
107.5°	109.4	103.5	99.9	98.4
110°	126.3	119.7	116.8	115.3

TEST NUMBER: P1027965

CATALOG NUMBER: S125DIP-B375D850UB50-4F0-XX-W2A-A4

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	142.5	135.8	133.6	132.2
115°	158.6	152.0	149.8	148.3
117.5°	174.0	167.4	165.2	163.0
120°	189.4	182.8	179.9	177.7
122.5°	203.4	196.8	194.6	193.1
125°	217.3	210.7	207.1	205.6
127.5°	230.6	222.5	218.1	215.9
130°	243.0	233.5	227.6	225.4
132.5°	254.1	243.0	235.7	232.8
135°	264.3	252.6	243.8	240.8
137.5°	273.2	261.4	253.3	251.1
140°	282.7	271.0	262.1	259.9
142.5°	291.5	279.8	271.7	270.2
145°	299.6	289.3	282.0	280.5
147.5°	308.4	298.9	292.2	291.5
150°	317.2	307.7	302.5	301.1
152.5°	324.6	316.5	312.1	311.3
155°	331.9	324.6	320.1	320.1
157.5°	338.5	331.9	328.2	328.2
160°	343.6	338.5	335.6	336.3
162.5°	349.5	345.1	342.2	342.9
165°	353.9	350.3	348.1	349.5
167.5°	356.9	354.7	353.2	353.9
170°	359.8	358.3	357.6	358.3
172.5°	362.0	360.5	359.8	361.3
175°	363.5	362.7	362.0	363.5
177.5°	364.2	363.5	363.5	364.9
180°	364.2	364.2	364.2	364.2

(END OF REPORT)